

S. SEA GOING MINE-SWEEPER

HIPPOORWILL)

HIPPOORWILL)

WHIPPOORWILL

11

35

4-02-6

NO & ORDER OF PLANS	
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ERECTED TO SUIT SHIP		
	DATE	NAVAL CONSTRUCTION
SOUND	JULY 1918	<i>E. W. Hatch</i>
HARBOR, T.H.	JUN 16, 1923	ACTING CONSTRUCTION

CAR No. 8858

DATA AND GENERAL INFORMATION

LENGTH OVERALL

187 FT. 10 INCH ENGINE & BOILER ROOM EQUIPMENT

BETWEEN PERPS.

180 " 0 "

BEAM, MEAN THICKNESS OF PLATING

85 " 6 "

DEPTH, MOLDED

18 " 8½"

SPEED

14 KNOTS

DISPLACEMENT

950 TONS

ENGINE

VERTICAL, INVERTED-CYLINDER, DIRECT ACTING, THREE

CYLINDER TRIPLE EXPANSION TYPE

19 INCH

DIAMETER, HIGH PRESSURE CYLINDER

INTERMEDIATE

23 "

LOW

46 "

STROKE OF PISTON

30 "

I.H.P. 1400; R.P.M. 145; STEAM PRES. 180*

BOILERS: 2 WATER TUBE BOILERS; WORKING

PRES. 200 LBS. TOTAL HEATING SURFACE 4,000 SQ.FT.

COMPLEMENT: 5 OFFICERS, 6 C.P.O.S., 40 CREW

REPAIR EQUIPMENT: 1 LATHE, 1 SHAPER, 1 DRILL PRESS

187 FT. 10 INCH ENGINE & BOILER ROOM EQUIPMENT

1 AIR PUMP 7½" X 14" X 10" VERTICAL, TWIN BEAM

1 CIRC. " & ENG. 9" PUMP 6" X 6" ENG.

1 MAIN FEED PUMP 8" X 5" X 12" VERTICAL SIMPLEX

1 AUX. " " 8" X 5" X 12" "

1 FLUSHING " 4½" X 6" X 6" "

1 COMB. AIR & CIRC. 6" X 8" X 8" "

1 FIRE & BILGE 6½" X 8" X 8" "

1 DISTILLER CIRC. 6½" X 7" X 8" "

1 EVAP. FEED " 3½" X 4" X 4" "

2 FIRE & WRECKING " 14" X 10½" X 12" "

2 FUEL OIL SERVICE " 4½" X 2½" X 4" "

1 " " BOOSTER 4½" X 5" X 6" "

1 AUX. CONDENSER 400 SQ.FT.

1 EVAPORATOR 2500 GAL

1 DISTILLER " 2500 "

1 FEED & FILTER TANK 450 "

1 FEED WATER HEATER "

2 FORCED DRAFT BLOWERS "

ELECTRICAL SYSTEM 2 GENERATORS 25 KW.

1 OSCILLATOR GEN.; 1 RADIO GEN.; 2 SEARCHLIGHT 24

1 SUBMARINE SIGNAL APPARATUS; 1 RADIO OUTFIT.

DECK MACHINERY: 3 ST. HOISTING WINCHES; 1 ANCHOR HOIST

1 TOWING ENG.; 1 CAPSTAN ENG.

BATTERY 1 LEWIS MACH. GUN

10 RIFLES; 5 REVOLVERS.

AMMUNITION STORED

20 READY SERVICE CHARGES IN CHEST ON SUPERDECK

BOATS: 1 30 FT. M.S. LAUNCH; 1 28 FT. WHALEBOAT; 1 16 FT. DORY

TANK CAPACITIES

FUEL OIL

A-104 24 TON; A-105 28 TON

A-106 28 TONS C-1, C-2 30 " D-102 34 "

D-103 36 " D-105 50 " D-106 34 "

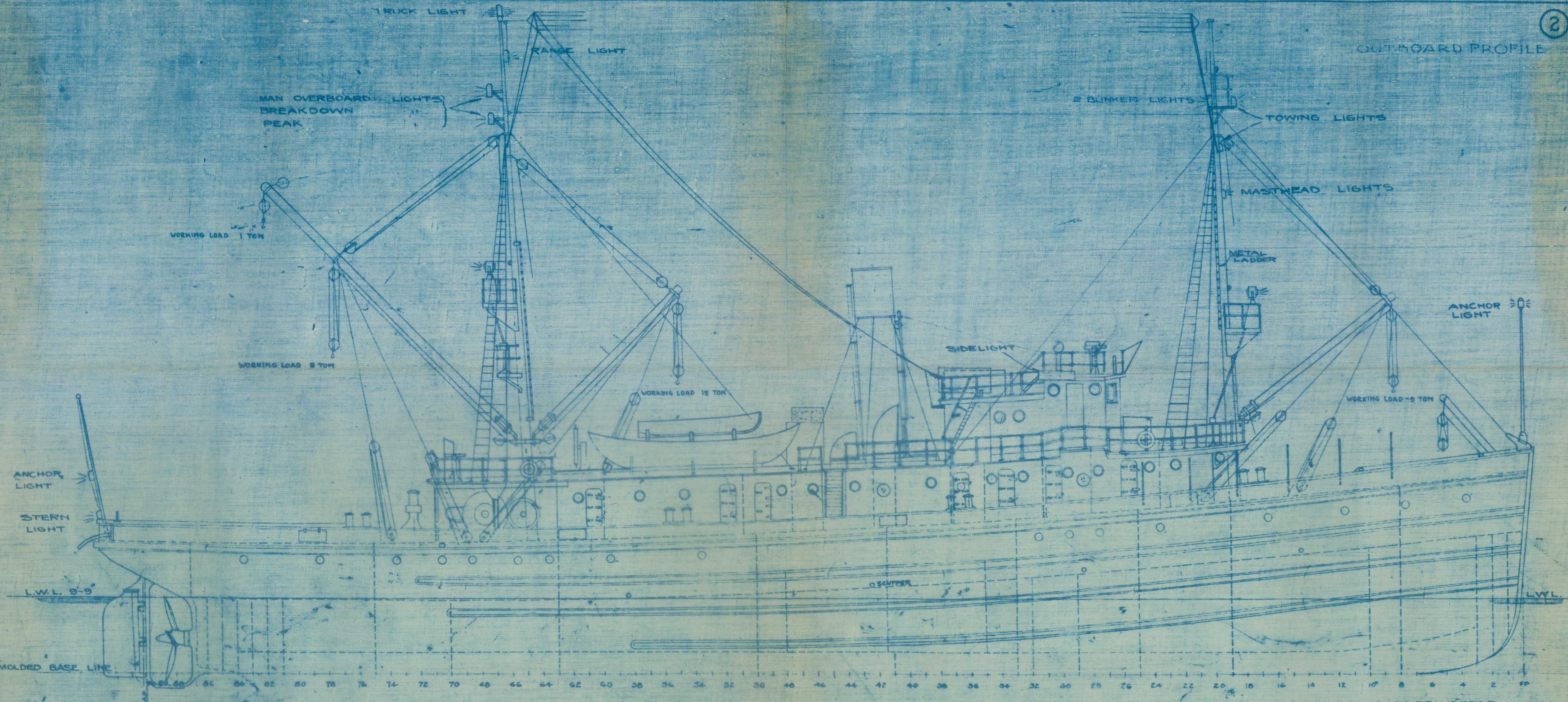
D-107 71 " B-101½ 40 " B-102½ 43 "

TOTAL = 274 TONS

FEED WATER: A101½ TONS B-1, B-2 25 TONS B-3 B-4 = 26 TON; TOTAL 64

FRESH WATER: A-110 3500 GAL; GRANTANK 5000 GAL; TOTAL 4000

GAL

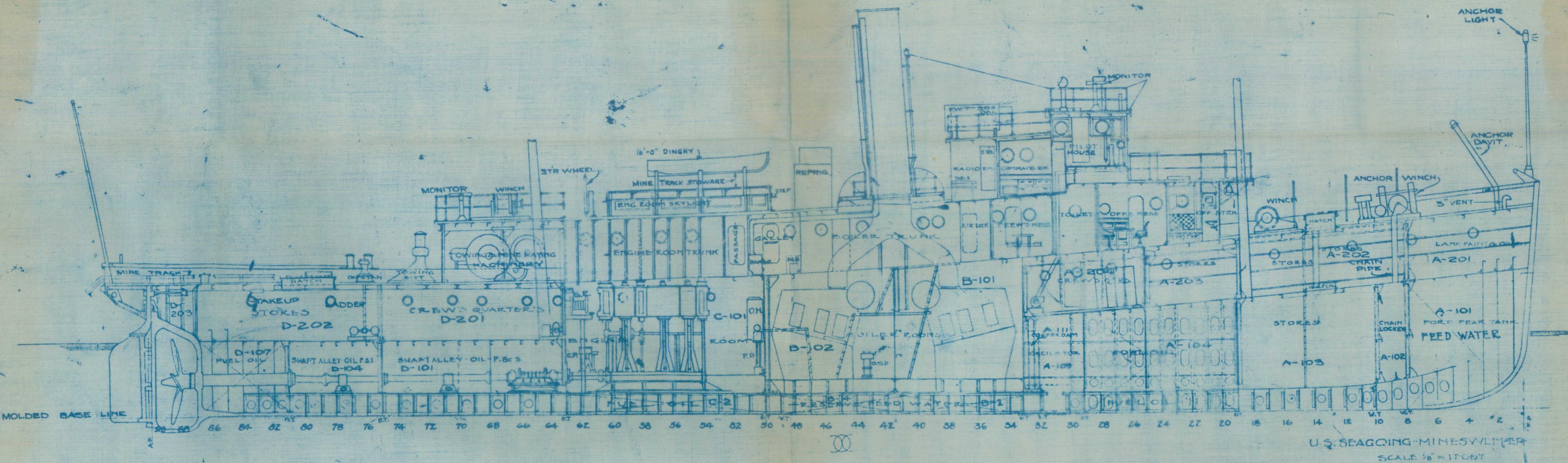


ABBREVIATIONS

G.P. CIRCULATING PUMP & ENGINE
O.H. OIL HEATER
F.P. FEED PUMP
O.S.P. OIL SERVICE PUMP
F.W.T. FRESH WATER TANK
M.B. MEAT BLOCK

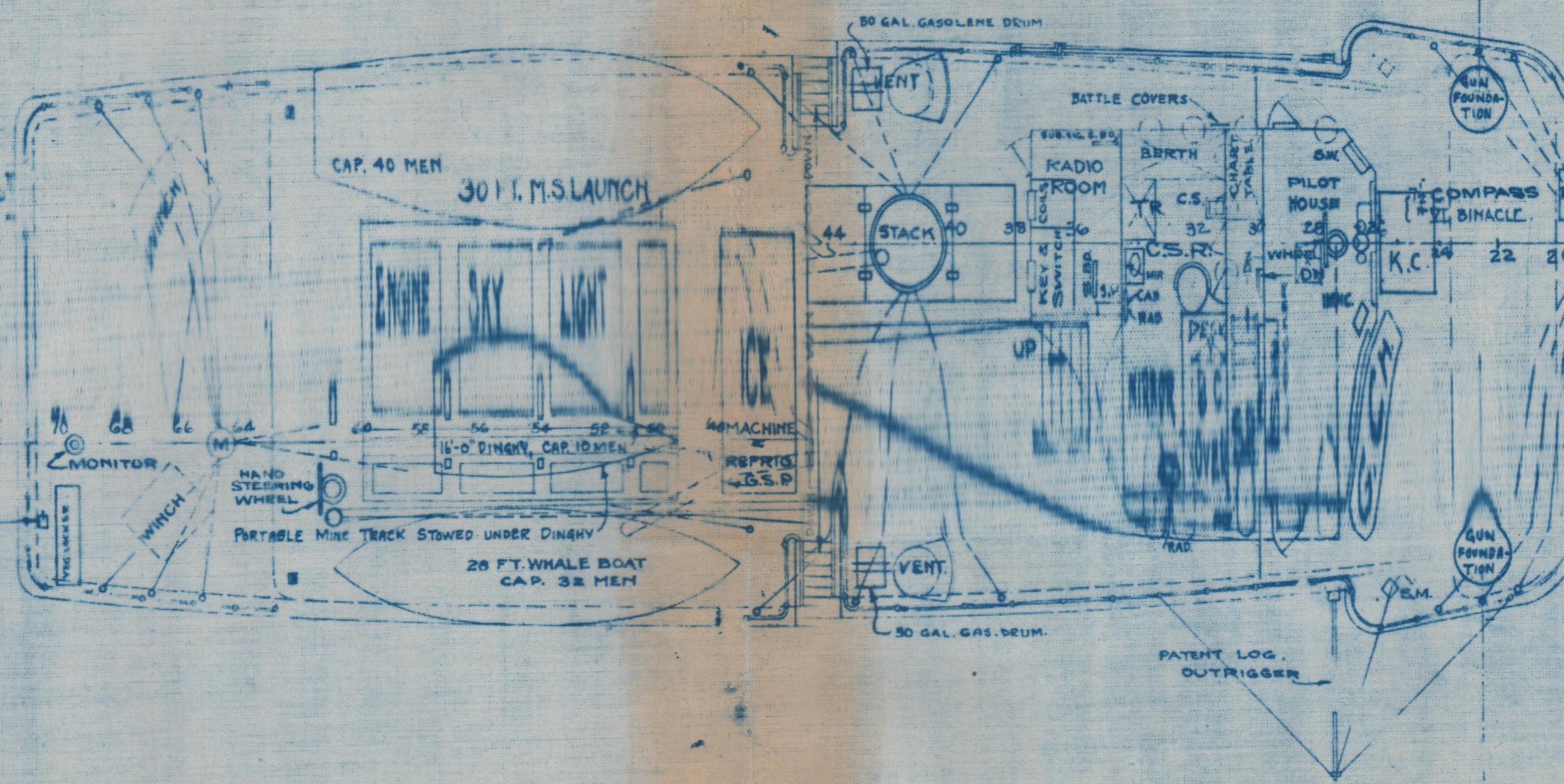
~~INBOARD~~ PROFILE.

3



ABBREVIATIONS:

BC. = BOOK CASE
S.B.O. = SWITCH BOARD
G.C.A. = GUNNER'S MATE'S CHEST
B.C.H. = BOATSWAIN'S MATE'S CHEST
V.L.O. = VEGETABLE LOCKER
R.T. DESK = ROLLER TOP DESK
K.C. = KAPOK LIFE GARMENT CHEST
F.W.T. = FRESH WATER TANK
C.S.R. = COMMANDERS STATE ROOM
S.M. = SOUNDING MACHINE
S.R. = SIGNAL ROCKET RACK
R.S.A. = READY SERVICE AMMUNITION
G.S.P. = GALLEY SMOKE PIPE
S.C. = SEARCHLIGHT CONTROL
S.W. = STORM WINDOW STOWAGE.
S.L. = SIDE LIGHT.
S.C. = CHRONOMETER SHELF



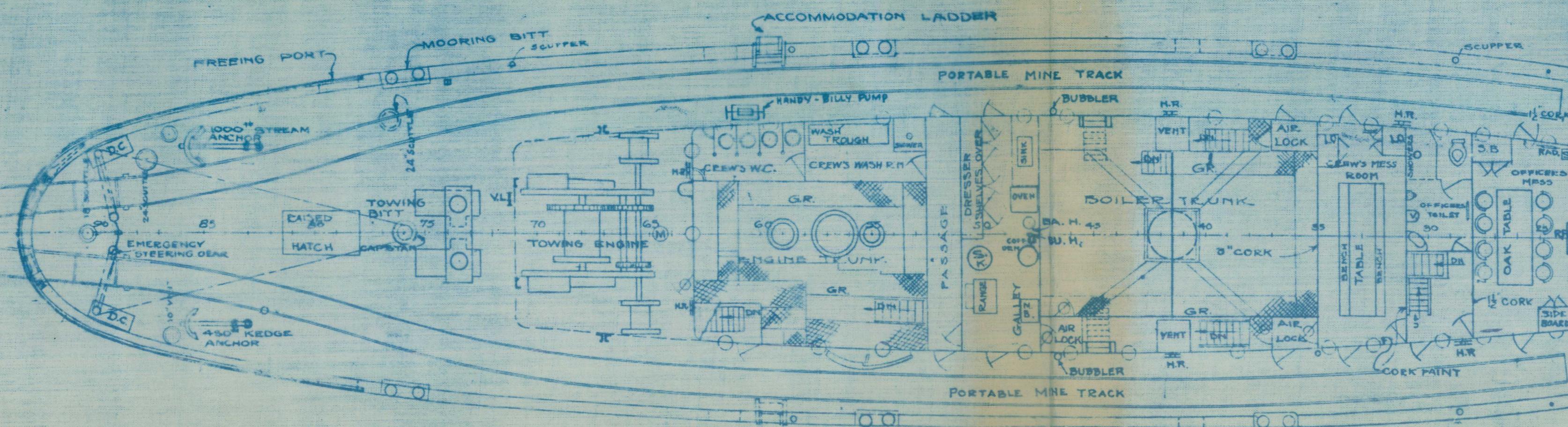
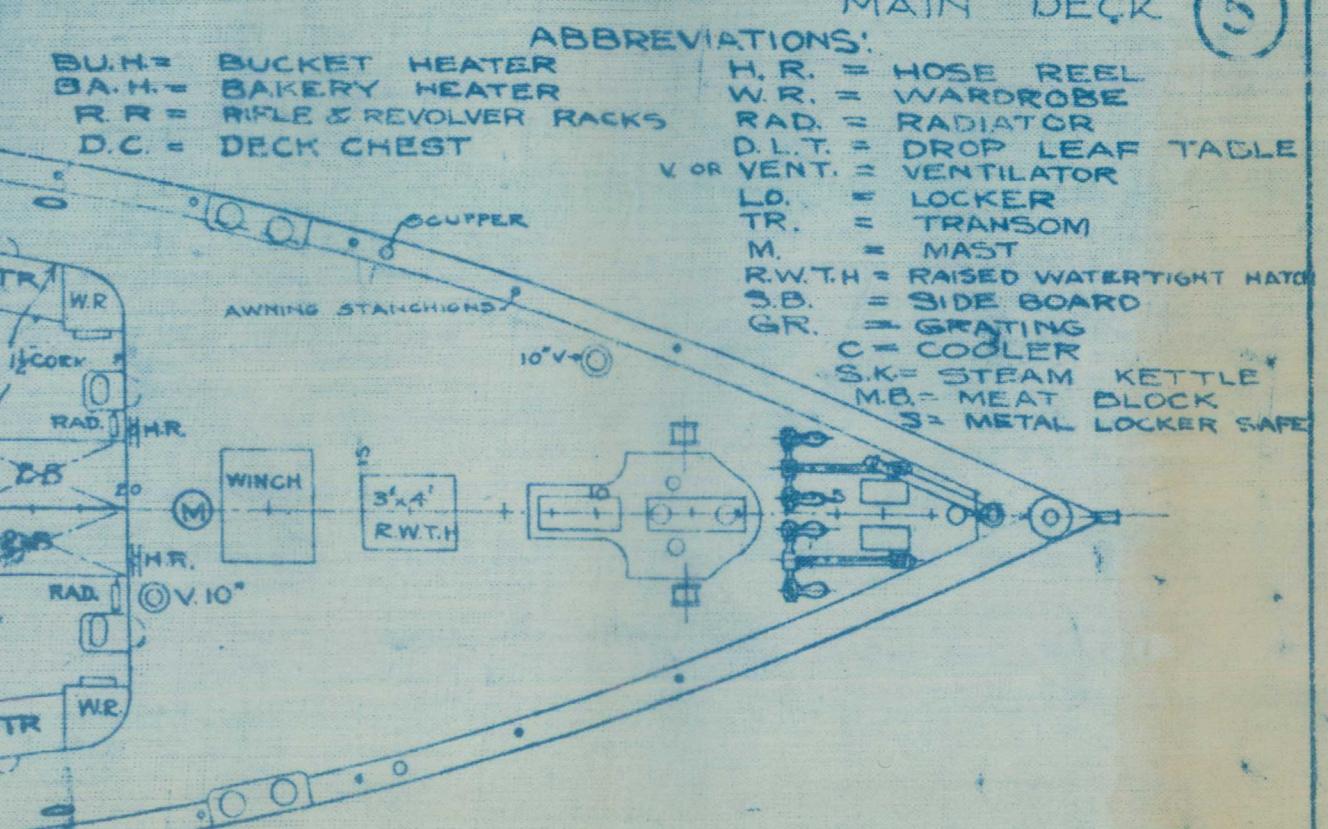
U.S. SEAGOING MINE-SWEEPER

SCALE

SUPERSTRUCTURE DECK
PILOT HOUSE TOP

MAIN DECK

5



U.S. SEAGOING MINESEWEIPER
SCALE 1/2=1 FOOT

ABBREVIATIONS:

W. B. = WORK BENCH

W. T. = WATER TIGHT

N.W. T. = NON WATER TIGHT

T. = TON

MIR = MIRROR

O.S.P. = OIL SERVICE PUMP

O.B.P. = FUEL OIL BOOSTER PUMP

O.H. = OIL HEATER

FF. T. = FEED & FILTER TANK

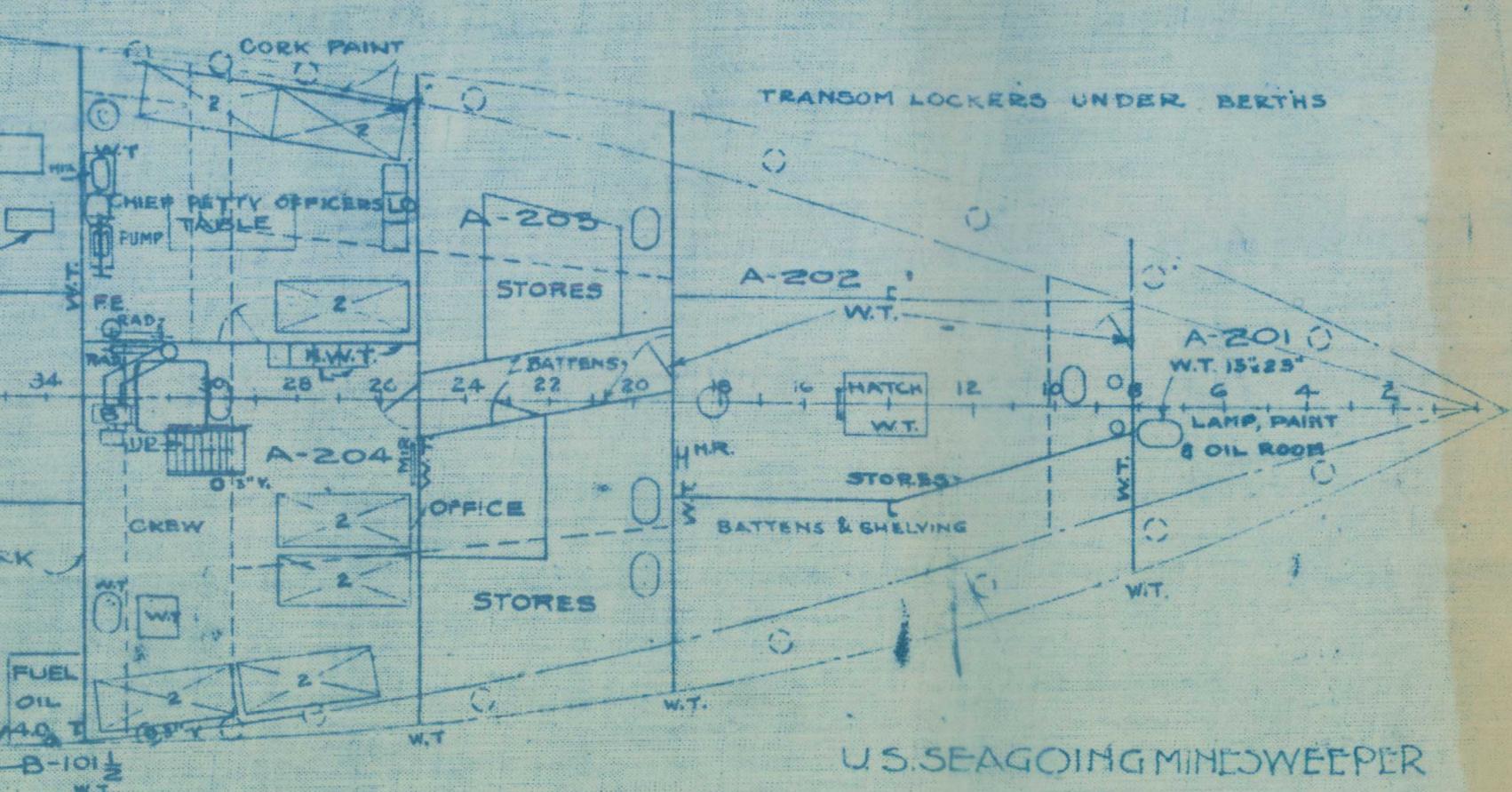
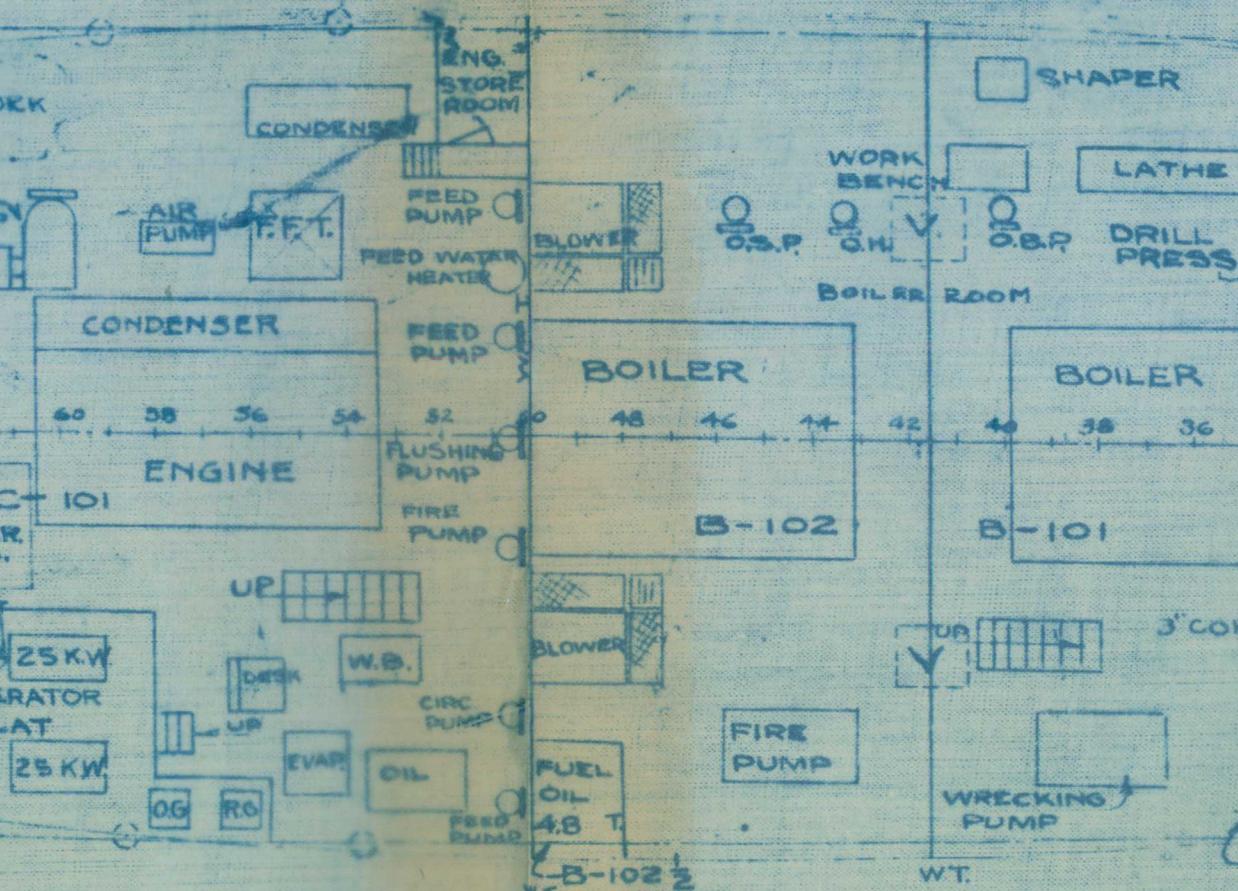
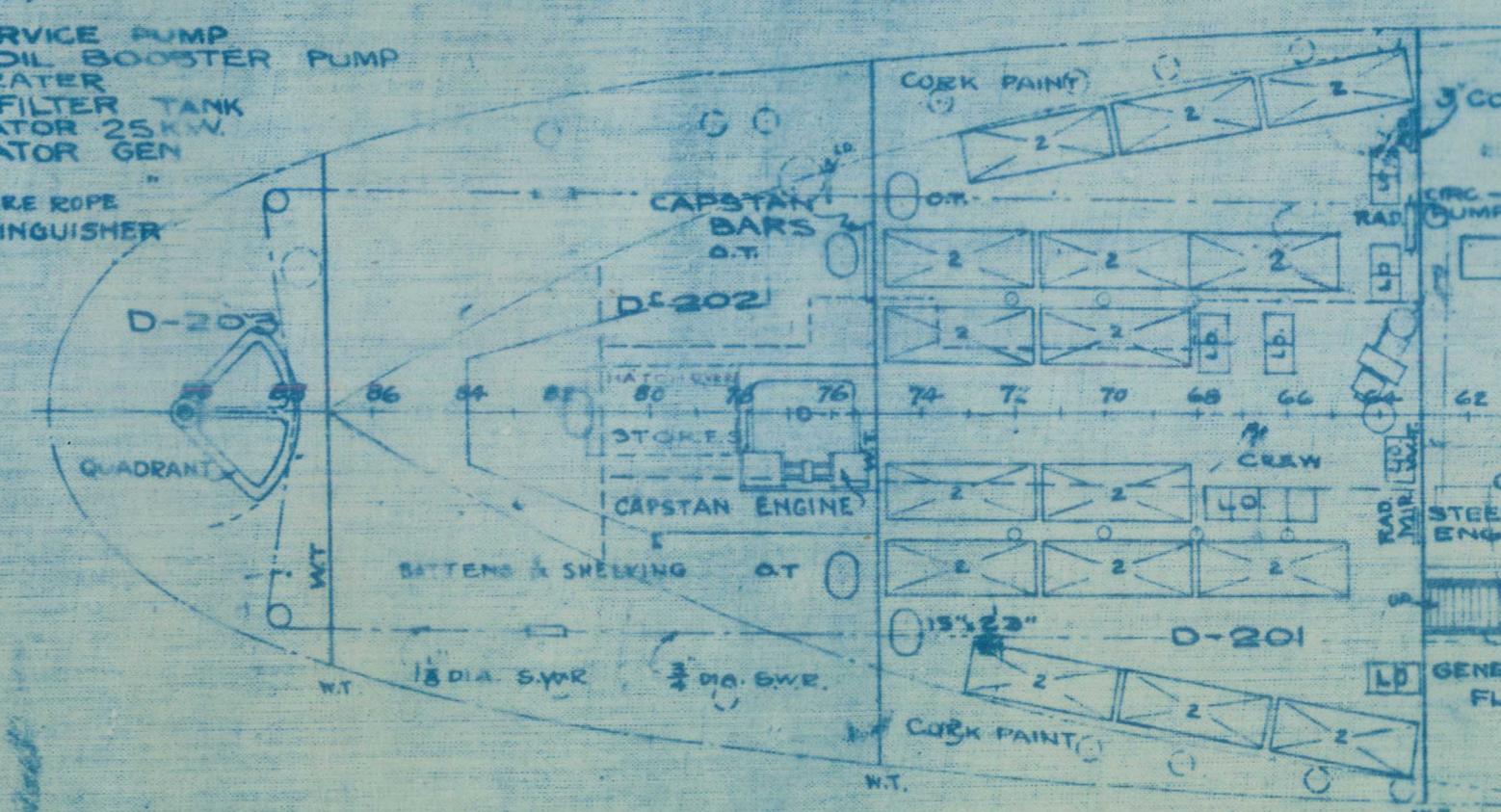
25K.W. = GENERATOR 25K.W.

O.G. = OSCILLATOR GEN

R.G. = RADIO

S.W.R. = STEEL WIRE ROPE

F.E. = FIRE EXTINGUISHER



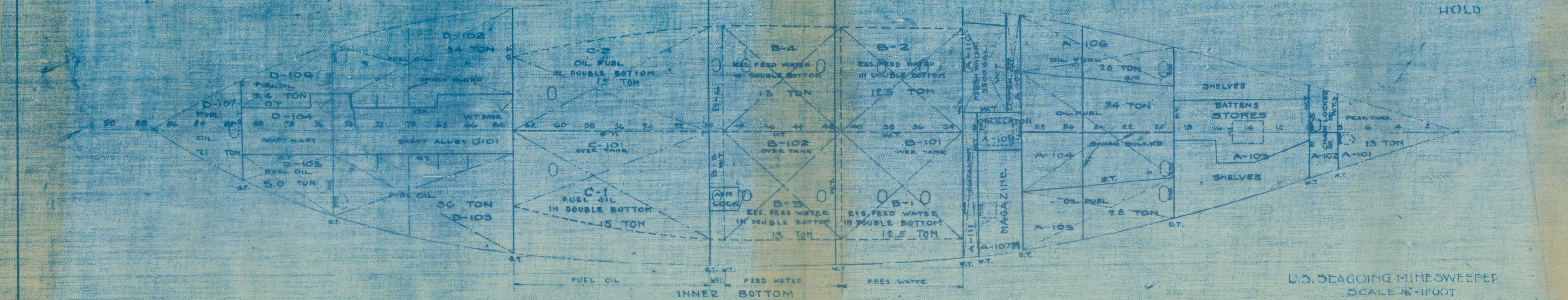
SECOND DECK

6

U.S. SEA GOING MINESWEEPER

SCALE 1:1000

7

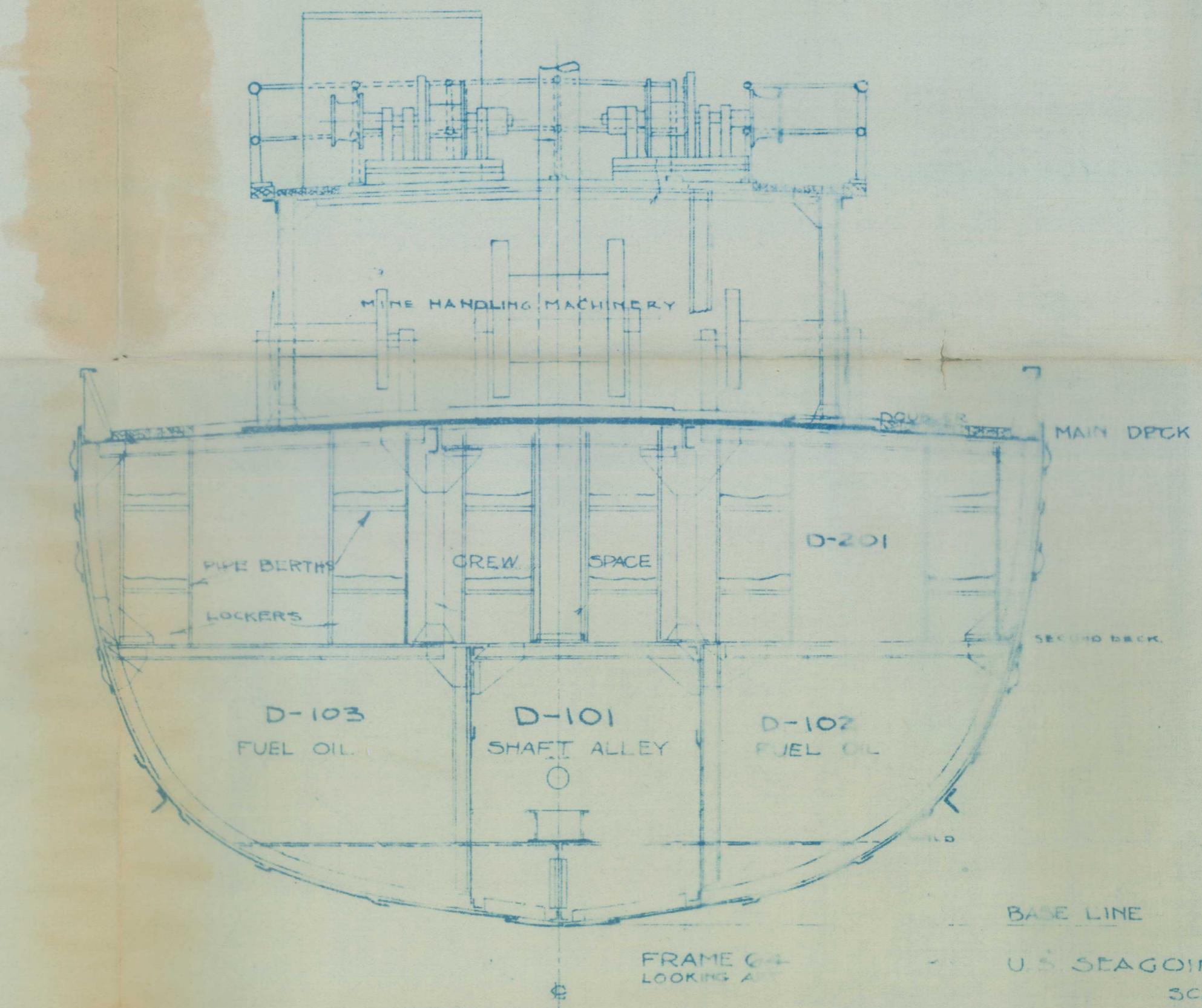
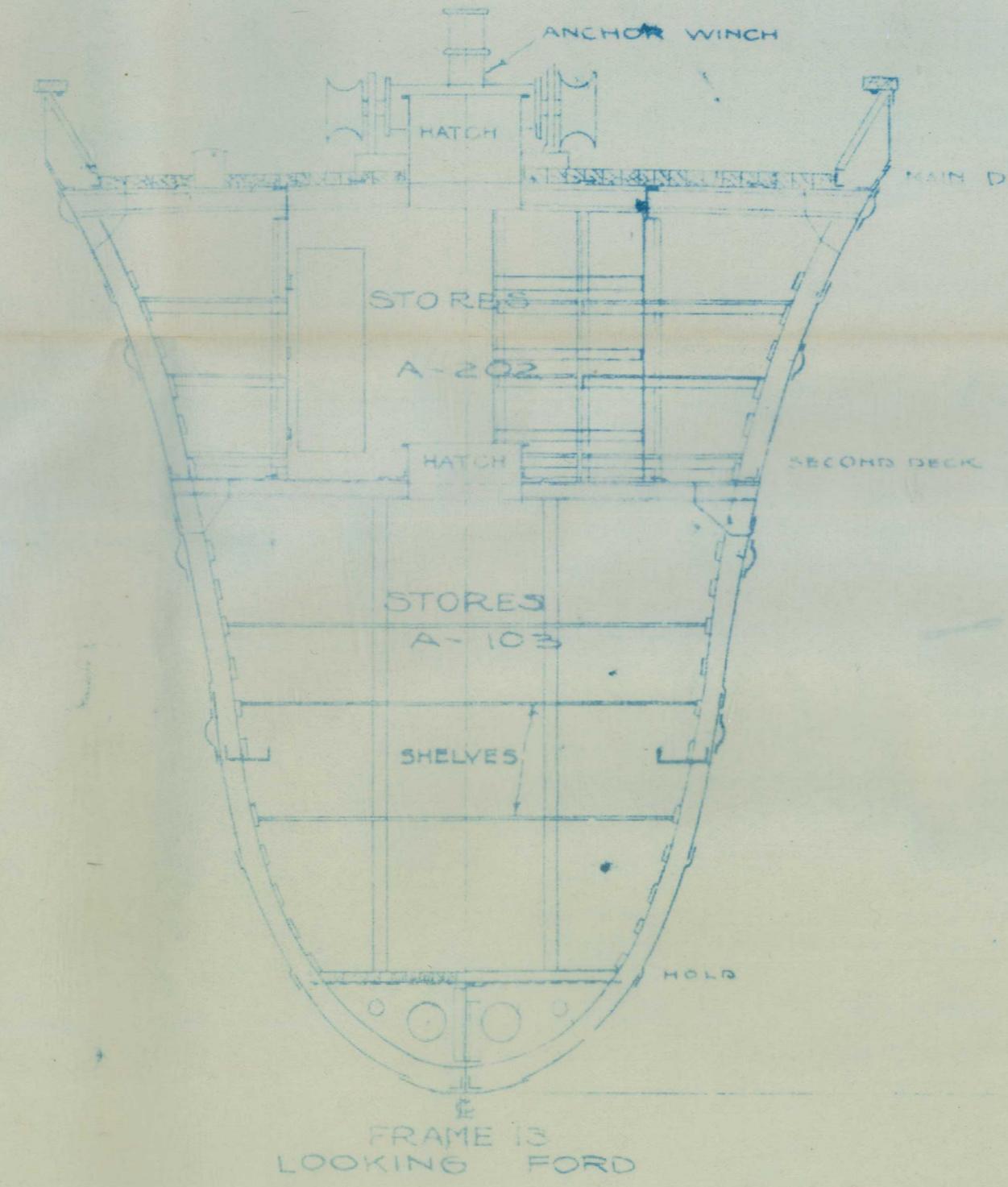


U.S. SEAGOING MINESWEEPER
SCALE $\frac{1}{8}$ -1 FOOT

3

MIDSHIP SECTION
&
SECTION AT FR. 27

9
SECTIONS



U.S. SEAGOING MINECRAFTER
SCALE 1:1000